Lesson Plan

Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh

Monthly Teaching Plans- Odd Semester (Semester-I)

Session – 2026-2027

Department- Zoology

Name of the Teacher- Dr. Divya Sharma

Subject- Zoology- Value Added Course

Course Code: ZOO-VAC-1-101

Course Title: Basic Laboratory Techniques

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
July	23.07.2026	31.07.2026	Compound microscope: parts and working Laboratory safety rules, hazards and precautions	Power point presentation, practical demonstration Flipped classroom method
August	01.08.2026	31.08.2026	Handling and Disposal of laboratory waste (Chemical and Biological) Storage and handling of Chemicals	Power point presentation, practical demonstration, Flipped classroom method
Departmental Meeting on 26.08.2026 to review the progress of syllabus as per lesson plans				
September	01.09.2026	30.09.2026	Glassware: types, uses, cleaning, handling, and care Laboratory Equipment: Colorimeter, Autoclave, Centrifuge (Working principle and uses) **MST**	Power point presentation, practical demonstration, Flipped classroom method
Departmental Meeting on 23.09.2026 to review the progress of syllabus as per lesson plans				
October	01.10.2026	31.10.2026	Spectrophotometer, Weighing Balance, pH meter, distillation apparatus (Working principle and uses) Sterilization: General Principle	Power point presentation, practical demonstration, Flipped classroom method
Departmental Meeting on 28.10.2026 to review the progress of syllabus as per lesson plans				
November	01.11.2026	17.11.2026	Methods of Sterilization of glassware & other laboratory instruments **Revision and Class test**	
End semester Examination from 18.11.2026 to 31.12.2026				

Lesson Plan

Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh

Monthly Teaching Plans- Even Semester (Semester-II)

Session – 2026-27

Department- Zoology

Name of the Teacher- Dr. Jasleen Kaur

Subject- Zoology- Value Added Course

Course Code: ZOO-VAC-2-201

Course Title: Vaccines and Vaccination

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
January	15.01.2027	31.01.2027	Definition & Importance of vaccines. History of vaccines- Contribution of Sir Edward Jenner and Louis Pasteur in vaccine development.	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 27.01.2027 to review the progress of syllabus as per lesson plans				
February	01.02.2027	28.02.2027	Classification of vaccines: Live-attenuated vaccines, inactivated vaccines, Subunit vaccines, Toxoid vaccines, Viral-vector vaccines and Messenger RNA (mRNA) vaccines.	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 24.02.2027 to review the progress of syllabus as per lesson plans				
March	01.03.2027	31.03.2027	Common vaccines: BCG, DPT, HBV, HPV, Polio, Covid-19, Rabies, Mumps. Route of administration of various vaccines. Storage and handling of vaccines. **MST**	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 24.03.2027 to review the progress of syllabus as per lesson plans				
April	01.04.2027	26.04.2027	India's Universal Immunization Programs (UIP) under National Health Mission (NHM). **Revision and Class test**	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 21.04.2027 to review the progress of syllabus as per lesson plans				
End semester Examination from 27.04.2027 to 05.06.2027				

Lesson Plan

Mehr Chand Mahajan DAV College for Women, Sector – 36A, Chandigarh

Monthly Teaching Plans- Even Semester (Semester-IV)

Session – 2026-2027

Department- Zoology

Name of the Teacher- Dr. Aanchal Batra

Subject- Zoology- Value Added Course

Course Code: ZOO-VAC-3-401

Course Title: Reproductive Health

Month	Date		Topics to be Covered	Academic Activity to be Undertaken
	From	To		
January	15.01.2027	31.01.2027	Basic Biology of Human Reproduction: Male Reproductive system, Female Reproductive system, Menstrual cycle, Fertilization and implantation,	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 27.01.2027 to review the progress of syllabus as per lesson plans				
February	01.02.2027	28.02.2027	Pregnancy and embryonic development, Parturition and lactation Infertility: Causes of Infertility in males and females Assisted human reproduction: Intrauterine insemination, In vitro fertilization	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 24.02.2027 to review the progress of syllabus as per lesson plans				
March	01.03.2027	31.03.2027	Methods of contraception: Sterilization, Hormonal, Barrier methods, Chemical methods, Intrauterine devices, Coitus interruptus Birth defects: Symptoms and causes of Congenital heart disease, Cleft lip, Spina bifida, Down's syndrome **MST**	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 24.03.2027 to review the progress of syllabus as per lesson plans				
April	01.04.2027	25.04.2027	Sexually Transmitted Diseases (STDs): Symptoms and causes of Syphilis, Gonorrhea, Human Immunodeficiency Virus (HIV) Infection, Human Papilloma Virus (HPV) Infection **Revision and Class test**	Power point presentation, group discussion, assignments, Flipped classroom method
Departmental Meeting on 21.04.2027 to review the completion of syllabus as per lesson plans				
End semester Examination from 27.04.2027 to 05.06.2027				